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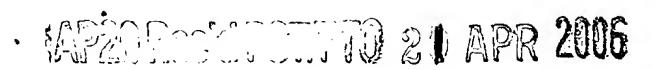
PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021

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	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER							
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			AMBI:091US U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED						
	CT/US2004/034850	21 October 2004	24 October 2003						
TITLE OF INVENTION BIOLOGICAL SAMPLE DISRUPTION TECHNIQUES									
APPLICANT(S) FOR DO/EO/US KEMPPAINEN, Jon and LATHAM, Gary J.									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. 🗹 T	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2. T	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4. 🗸 T	The US has been elected (Article 31).								
5:	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	a. is attached hereto (required only if not communicated by the International Bureau).								
٨	b.  has been communicated by the International Bureau.								
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
	a. is attached hereto.								
^	b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7. <b>V</b>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
ف	a. are attached hereto (required only if not communicated by the International Bureau).								
	b. have been communicated by the International Bureau.								
	c. have not been made; however, the time limit for making such amendments has NOT expired.								
	d. have not been made and will not be made.								
8. 🔲	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT						
Items 11 to 20 below concern document(s) or information included:									
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13.	A preliminary amendment.								
14. 🔲	An Application Data Sheet under 37 CFR 1.76.								
15.	A substitute specification.								
16.	A power of attorney and/or change of address letter.								
17. 🔲	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.								
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).								
19.	A second copy of the English language	e translation of the international application	under 35 U.S.C. 154(d)(4).						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**.

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		AMBI:091US								
20. Other items or information:  Copies of: International Search Report and Written Opinion; PCT Publication WO 2005/039722 as-published on 6 May 2005  Patent Postcard										
The follo	owing fees have b	CALCULATIONS	PTO USE ONLY							
_	c national fee (37	\$ 300.00	FIO OSE ONLT							
22. 🔽 Exam	nination fee (37 CF	300.00								
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If the written opin IPEA/US Search fee (37 C Internatio International Sea previously	rch fee (37 CFR 1. lion of the ISA/US indicates all claim FR 1.445(a)(2)) had onal Searching Au rch Report prepare y communicated to	\$ 100.00								
	TOTAL OF 21, 22	600.00								
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Total claims		28 - 20 =	8	x \$ 50	\$ 400.00					
Independent clair	ms	4 - 3 =	1	x \$200	\$ 200.00					
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		\$ 1,200.00								
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. A check in the amount of \$ \_\_\_\_\_\_ to cover the above fees is enclosed. Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1212 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. Michel C. RA SEND ALL CORRESPONDENCE TO: SIGNATURE Customer No. 32425 Michael C. Barrett NAME 44,523 Express Mail No.: EV 448716161 US Mailing Date: April 21, 2006 **REGISTRATION NUMBER**